



PATENT
Attorney Docket No. 3218.2A

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Dong, *et al.*

Examiner: Y. Kim

Serial No: 09/904,039

Group Art Unit: 1637

Filing Date: July 12, 2001

Title: **Complexity Management and
Analysis of Genomic DNA**

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Commissioner for Patents
Washington, D.C. 20231

Sir:

In response to the Office Action mailed November 19, 2002, Applicants respectfully request reconsideration of the pending rejections and reexamination of the present application in view of the following amendments and remarks.

In the Claims:

Kindly enter the following proposed amendments to the following claim:

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39. A method of analyzing a first nucleic acid sample comprising:
providing said first nucleic acid sample;
obtaining a second nucleic acid sample by fragmenting said first nucleic acid sample to produce fragments, ligating adaptor sequences to said fragments, amplifying at least some of said fragments ligated with said adapter sequences, and isolating said amplified fragments;
providing a nucleic acid array;
hybridizing said second nucleic acid sample to said array; and
analyzing a hybridization pattern resulting from said hybridization.